Index to Volume XXXVII

Journal of Heredity, 1946

A

Achondroplasia in cattle, 183.
Aegilops, as ancestor of wheat, 81, 107.
Aegilops squarrosa, 82.
Age Factor in Weight of Yellow Mice, Margaret M. Dickie and George W. Woolley, 365.
Agropyron-Like Segregates From a Cross Between *Triticum Vulgare* Host. and *T. Durum* Desf., B. C. Sharman, 55.
Albinism: in twins, 3; in the horse, 32, 35; in pinto beans, 59; associated pigment defects, 341.
Albinos in Pinto Beans, G. N. Stroman, 59.
Allium hybrids, 131.
Allyn, Robert, Plant Patent, 4.
Almost Identical Twins, 182.
Ananas Comosus (L.) Merr., leaf types, 123.
Anastasio, Mary M., et al., Twin Studies on the Psychopathology of Suicide, 171.
Animal Breeding as Science and Art, (Rev.), 146.

Animal Genetics, etc.:

Cattle: dwarf, 183; hereditary hypoplasia in, 38; mosaic blood in quintuplets, 291; -yak hybrids in Asia, 163, 207, in Alaska, 355.
Dogs, for the Army, 188.
Drosophila: natural selection and chromosomal variability in *Funebris*, 39; polymorphism in color pattern, 253; salivary gland chromosomes of, 99.
Fish, sex determination in, 307.
Fowl: double spur in, 323; family sex ratios, 333; lymphoid tumors in, 281; multiple alleles in, 197; sex identification in, 333, 339; unusual bone growth, 284, 376.
Genetics and practical animal breeding, (Rev.), 146.
Goat, Hejaz Dwarf, 345.
Horse: albinism in, 32, 35; modern quarter, 227; Tennessee Walking, 369.
Insemination, artificial, 44.
Mink, mutations, 137, 215.
Mouse: linkage with pirouette gene, 335; "Snowy Belly," a dominant agouti allele, 31; yellow mouse obesity, 365.
Pigeons, "ersatz auto-sexing" in, 339.
Poultry Congress, 196.
Sex Determination in fishes, 307; in mammals, 71.
Silkworm mutants, 377.
Sheep: multinipple trait in, 19; near-twins, 182.
Swine, inheritance of coat color in, 217.
Yak-Cattle hybrids in Asia, 163, 207; in Alaska, 355.

Antigenic incompatibility, 285.
Appeal for Reprints, 70.
Appeal from Greece, 50.
Apple, Polyploid, 265.
Arabia, Hejaz goat of, 345.
Army Finds Inherent Differences in Taste Perception, 330.
Army Wants Dogs for K-9 Corps, 188.
Artificial Insemination Comes of Age, (Rev.), 44.
Ataxias, hereditary, (Rev.), 73.
Auto-sexing, "ersatz," in pigeons, 339.

B

Bacillus, mutation in, 273.
Baldwin, J. T., Jr., Malabar Farm in Ohio, (Rev.), 57.
Bamford, Ronald, A Definitive Chromosome Atlas, (Rev.), 192.
Beers, C. V., et al., Hereditary Ataxias in Scandinavia, (Rev.), 73.
Begonia Species Hybrids, Orland E. White, J. Herbert Taylor and Bernice M. Speese, 67.
Bell, Alexander Graham, sheep experiments, 19.
Biological Photographers to Meet in Chicago, 205.
Birth Rate, see *Human Genetics*.
Blaser, H. Weston, et al., Chromosomal Chimera of the Northern Spy Apple, 265.
Black-eyed-susan, freak, 331.

Books Reviewed:

Anderson, James, Semen of Animals and Its Use for Artificial Insemination, 44.
Bromfield, Louis, Pleasant Valley, 57; A Few Brass Tacks, 374.
Darlington, C. D., and E. K. Janaki Ammai, Chromosome Atlas of Cultivated Plants, 192.
Hudson, P. S., and R. H. Richens, The New Genetics in the Soviet Union, 279.
Lambert, W. V., and Fred F. McKenzie, Artificial Insemination in Livestock Breeding, 44.
Lush, Jay L., Animal Breeding Plans, 146.
Lysenko, T. D., Heredity and Its Variability, 5.
Merrill, Elmer D., Plant Life of the Pacific World, 9.
Perry, Enos J., (Editor), Artificial Insemination of Farm Animals, 44.
Rodale, J. I., Pay Dirt, 53.
Schrödinger, Erwin, What Is Life? The Physical Aspect of the Living Cell, 90.
Sjögren, Torsten, Klinische und erbbiologische Untersuchungen über Heredoataxien, 73.

Books, war damaged libraries need, 160.
Bowen, John C., Patented blackberry, 51.
Brachydactyly, See *Human Genetics*.
Brass Tacks on the Highway of Progress, (Rev.), 374.
Brief Comment on Mother-Daughter Chromosomes, 246.
Buckner, G. Davis, et al., An Unusual Growth of Bone in Chickens, 284, 376.

Burch, G. I., U. S. Loans and Child Bonuses, 60.

C

Callus, foot, hereditary, 340.
Camptodactyly, 189.
Can the Sex of Mammalian Offspring Be Controlled?, E. Newton Harvey, 71.
Carlson, A. J., "Racial Wisdom," 275.
Case reports, suggested recording method, 344.
Castle, W. E., Genetics of the Palomino Horse, 35; et al., Mutations of Mink Under Domestication, 137, 215.
Cattle, see *Animal Genetics.*
Charts, Human Pedigree, Symbols for, 11.
Chimeras: of Bowen Blackberry, J. L. Stahl, 51; of apples, 265.
Chin, T. C., Wheat-Rye Hybrids, 195.
Chloasma-like pigmentation, 341.
Chromosomal Chimera of the Northern Spy Apple, John Einset, H. Weston Blaser, Barbara Imhofe, 265.
Chromosomal variability in *Drosophila Funebris,* 39.
Chromosomes, heterocyclicity, 239, 297; mouse, atlas, 1921; linkage with pirouette gene, 335; onion, 131; structure, 90; selection of, 39.
Clarke, Alfred E., et al., Cytological Study of Some Triplold Onion Plants, 131.
Clayton, E. E., et al., Genotype and Temperature in Relation to Symptoms Caused in Nicotiana by the Mosaic Virus (November 1945 issue), correction, 28.
Coat color in swine, 217.
Coleus, see *Plant Genetics.*
College birthrate, 252.
Collins, J. L., et al., Inheritance of Three Leaf Types in the Pineapple, 123.
Colon bacillus, 273.
Comparative Rates of Pollen Tube Establishment in Diploid and Tetraploid Maize, John M. Green, 117.
Compost Salvation, (Rev.), 53.
Concerning Mother India's Starving Children, 247.
Conservation Ethic, by Aldo Leopold, 275.
Cook, Robert, The College Birthrate, 252; Concerning Mother India's Starving Children, 248; Genic and Cultural Erosion in America, 74; Mother India's Starving Children, 103; The Question of Vavilov's Death, 15; Thirteen Years of Plant Patents, 4; We Regret the Delays, 64.
Corn Cob Fur, Frederick D. Richey, 251.
Cremello, horse, 32, 35.
Cucumbers, see *Plant Genetics.*
Curburbita maxima, mottled-leaf character in, 27.
Cytological Study of Some Triploid Onion Plants, Alfred E. Clarke, Hazel H. McKay, 131.
Cytology Congress, 358.

D

Da Cunha, Antonio Brito, Polymorphism in Natural Populations of a species of *Drosophila,* 253.
Davis, H. P., et al., Quintuplet Calves and Erythrocyte Mosaicism, 291.
Dayton, William A., Freak Black-Eyed Susan, 331.
Decline in Intelligence, 180.
Definitive Chromosome Atlas, (Rev.), 192.
Desolated Libraries Need Books, 160.
Development of a Superior Family in the Modern Quarter Horse, A. O. Rhoad, R. J. Kleberg, Jr., 227.
Dice, Lee R., Symbols for Human Pedigree Charts, 11.
Dickie, Margaret M., et al., Linkage Studies with the Pirouette Gene, 335; Age Factor in weight of yellow mice, 365.
Diseases in plants, 259.
Dobzhansky, Theodosius, Lysenko's "Genetics," (Rev.), 5.
Dogs, see *Animal Genetics.*
Dominant white, related to Palomino Horse. 37.
Double Spur Inheritance in the Fowl, D. C. Warren, 323.
Downy mildew in cucumbers, 267.
Drosophila, see *Animal Genetics.*
Duber, H. C., et al., Genes and Species Differences in Coleus, 327.
Dubinin, N. P., et al., Natural Selection and Chromosomal Variability in Populations of *Drosophila Funebris,* 39.
Dwarfism, in goats, 345; in cattle, 38, 183.

E

Eaton, Orson N., et al., The "Snowy Belly" Mouse, 31.
Egg and Eye Color in Mutant Silkworms, Mario Tirelli, 377.
Eighth Genetics Congress to Meet at Stockholm in 1948, 358.
Einset, John, et al., Chromosomal Chimera of the Northern Spy Apple, 265.
Elting, E. C., et al., Yaks and Yak-Cattle Hybrids in Alaska, 355.
Epstein, H., Hejaz Dwarf Goat, 345.
Erosion: Genic and Cultural, 74, 180; Soil, 275.
Error, in the mailing of the May and June issues, 238; in the September issue, 376; in the November 1945 issue, 28.
"Ersatz Auto-Sexing" in Pigeons, C. M. Gottfried, W. F. Hollander, 339.
Erythrocyte mosaicism, 291.
Experimental Cytology Congress Set for July 1947, 358.

F

Fairchild, David, Plant Life of the Pacific, (Rev.), 9.
Family Sex Ratios in the Fowl, L. N. Hazel, W. F. Lamoreux, 333.
Farley, Ralph Milne, Hollywood Genetics, 32.
Farstad, C. W., et al., Resistance of Wheat Varieties to Sawfly Attack, 266.
Fasciation in black-eyed-susan, 331.
Feathering in the Fowl, 197.
Fellowship, Helen Putnam, 332.
Fels Institute's Program and Facilities Expanded, 337.
Fertilizer, chemical, (Rev.), 53.

Fish, sex-determination in, 307.
Fletcher, J. Lane, First Fifty Years of the Tennessee Walking Horse, 369.
Flexed fingers, inheritance of, 189.
Folie à deux, 298.
Formation of Polynucleated Pollen Mother-Cells in *Trillium erectum*, Herbert Stern, 47.
Fowl, see *Animal Genetics.*
Freak Black-Eyed-Susan, William A. Dayton, 331.

G

Genetic Concepts and Folie à Deux, Franz J. Kallmann and Jean S. Mickey, 298.
Genetics Congress, 358.
Genetics of the Palomino Horse, W. E. Castle, 35.
Genetics of Sesame, D. G. Langham, 149.
Gene, erosion, 74, 180; linkage with pirouette in mouse, 335; mechanism of duplication, 91.
Genes and Species Differences in Coleus, D. C. Rife, H. C. Duber, 327.
Genic and Cultural Erosion in America, 74.
Genotype and Temperature in Relation to Symptoms Caused in Nicotiana by the Mosaic Virus, H. H. McKinney, E. E. Clayton, (November 1945 issue), Correction, 28.
Goats, dwarf, 345.
Gordon, Myron, Interchanging Genetic Mechanisms for Sex Determination, 307.
Gottfried, C. M., et al., "Ersatz Auto-Sexing" in Pigeons, 339.
Green, John M., Comparative Rates of Pollen Tube Establishment in Diploid and Tetraploid Maize, 117.
Greenhouse, Jerome M., Hereditary Callus of the Foot, 340.
Gregory, P. W., et al., A Recurrent Mutation of Dominant Achondroplasia in Cattle, 183.
Gruenwald, Peter, Suggestion for Recording Case Reports, 344.

H

Haas, E., et al., Hereditary Ataxias in Scandinavia, (Rev.), 73.
Harvey, E. Newton, Can the Sex of Mammalian Offspring Be Controlled?, 71.
Hazel, L. N., et al., Family Sex Ratios in the Fowl, 333.
Hawkins, Dorothy A., et al., Inheritance of Zygodactyly, 16.
Hejaz Dwarf Goat, H. Epstein, 345.
Henry, Amanda Harms, et al., An Unusual Growth of Bone in Chickens, 284, 376.
Hereditary Ataxias in Scandinavia, (Rev.), 73.
Hereditary Callus of the Foot, 340.
Hereditary Legg-Calve-Perthes' Disease, F. E. Stephens, James P. Kerby, 153.
Heterocyclicity, 239, 246, 297.
Heterozygotes, greater viability of, in drosophila, 255.
Hetzer, H. O., Inheritance of Coat Color in Swine, 217.
Hibernation in *Drosophila Funebris*, 39.
Hip-joint disease, 153.
Hinton, Taylor, The Structure of the Bands of Salivary Gland Chromosomes, 99.
Hollander, W. F., et al., "Ersatz Auto-Sexing" in Pigeons, 339.
Hollywood Genetics, 32.
Horse, see *Animal Genetics.*

Human Genetics, Eugenics, etc.:

Albinism in twins, 3; and associated pigment defects, 341.
Ataxias, hereditary, (Rev.), 73.
Brachydactyly, 359.
Birth rate: India's, 64, 74, 103, 180, 247, 252.
British Plans to Balance Births, 64.
Child bonuses and U. S. loans, 60.
Famine in India, 103, 247.
Fingers, flexed, 189; brachydactylous, 359.
Genic and cultural erosion, 74, 252.
Genetics and *folie à deux*, 298.
Hip-joint disease, hereditary, 153.
Huntington's Chorea, 383.
Hyperkeratosis Plantaris, 340.
Intelligence, decline in, 180.
Linkage of flexed fingers with hair color, 191.
Pedigree Charts, Human, Symbols for, 11.
Pigmentation, hereditary, 341.
Polydactyly, variation of expression, 93.
Sex control, 71.
Spinal rheumatism, hereditary, 287.
Suicide, psychopathology of, 171.
Taste differences, studied by Army, 330.
Twins: albino, 3; and *folie à deux*, 298; and suicide, 171.
Zygodactyly, inheritance of, 16, 285.

Hunstead, Marilyn, et al., A Pair of Albino Twins, 3.
Huntington's chorea, 383.
Hutt, F. B., et al., Multiple Alleles Affecting Feathering in the Fowl, 197.
Hybrids: *Allium*, 131; begonia, 67; wheat-rye, 195; in origin of wheat, 81.
Hyperkeratosis Plantaris, 340.
Hypoplasia in Cattle, 38; in goats, 345.

I

Imhofe, Barbara, et al., Chromosomal Chimera of the Northern Spy Apple, 265.
Inbreeding, consequences of, 147; in horses, 227.
India, birth rate, 103; famine in, 103, 247.
Induced insanity, 298.
Inheritance of Coat Color in Swine, H. O. Hetzer, 217.
Inheritance of Flexed Fingers, Gerald S. Spear, 189.
Inheritance of Indeterminate Growth in Maize, W. Ralph Singleton, 61.
Inheritance of Three Leaf Types in the Pineapple, J. L. Collins and K. R. Kerns, 123.
Inheritance of Zygodactyly, L. S. Penrose, 285.
Inheritance of Zygodactyly, Karl A. Stiles, Dorothy A. Hawkins, 16.
Insemination, artificial, 44.
Interchanging Genetic Mechanisms for Sex Determination, Myron Gordon, 307.

J

Jaap, R. G., Sex Identification in Baby Chicks of "Red" Varieties, 339.
Jenkins, Jr., John Mitchell, Studies on the Inheritance of Downy Mildew Resistance, 267.
John Innes Horticultural Institution to Move, 55.
Johnson, Ray G., et al., Yaks and Yak-Cattle Hybrids in Asia, 163, 207.
Jones, D. G., et al., Multiple Alleles Affecting Feathering in the Fowl, 197.

K

Kallmann, Franz J., et al., Genetic Concepts and Folie à Deux, 298; Twin Studies on the Psychopathology of Suicide, 171.
Kerby, James P., et al., Hereditary Legg-Calve-Perthes' Disease, 153.
Kerns, K. R., et al., Inheritance of Three Leaf Types in the Pineapple, 123.
Kihara on Origin of Spelta Wheat, 106.
Kleberg, R. J., Jr., et al., Development of a Superior Family in the Modern Quarter Horse, 227.

L

Lamoreux, W. F., et al., Family Sex Ratios in the Fowl, 333.
Langham, D. G., Genetics of Sesame, 149.
Legg-Calve-Perthes' Disease, 153.
Leopold, Aldo, 275.
Linkage Studies with the Pirouette Gene, Margaret M. Dickie, George W. Woolley, 335.
"Long Husk" Sterility in Maize, W. Ralph Singleton, 29.
Lorz, A. P., Heterocyclicity or Polysomaty?, 297.
Lymphomatosis, 281.
Lysenko, T. D., "Genetics," (Rev.), 5; 15, 279.

M

Maize, see *Plant Genetics.*
Malabar Farm in Ohio, (Rev.), 57.
Marton, L., An Appeal for Reprints, 70.
McFadden, E. S., et al., Origin of Triticum Spelta and Its Free-Threshing Hexaploid Relatives, 81, 107.
McKay, Hazel H., et al., Cytological Study of Some Triploid Onion Plants, 131.
McKinney, H. H., et al., Genotype and Temperature in Relation to Symptoms Caused in Nicotiana by the Mosaic Virus (November 1945 issue), correction, 28.
McNutt, C. W., Variability in the Expression of the Gene for Brachydactyly in Man, 359.
Mead, S. W., et al., Recurrent Mutation of Dominant Achondroplasia in Cattle, 183.
Mickey, Jean S., et al., Genetic Concepts and Folie à Deux, 298.
Microorganisms, symposia on heredity and variation, 152.
Mildew in cucumbers, 267.
Mink, mutation, 137, 215.
Moffett, T. J., et al., Pedigree of Rheumatoid Spondylitis, 287.
Moore, Larry, et al., Mutations of Mink Under Domestication, 137, 215.
Morgan, R. F., et al., Quintuplet Calves and Erythrocyte Mosaicism, 291.
"Mother" and "Daughter" Chromosomes, A. A. Prokofieva-Belgovskaja, 239, 297.
Mother India's Starving Children, 103, 247.
Mottled-Leaf Character in Winter Squash, D. H. Scott, Mary E. Riner, 27.
Mouse, see *Animal Genetics.*
Muller, H. J., Receives Nobel Medicine Award, 325; A Brief Comment on Mother-Daughter Chromosomes, 246; A Physicist Stands Amazed at Genetics, (Rev.), 90.
Multinipple Trait in Sheep, Ralph W. Phillips, Ralph G. Schott, Damon A. Spencer, 19.
Multiple Alleles Affecting Feathering in the Fowl, D. G. Jones, F. B. Hutt, 197.
Multiple births, see "Twins" under *Human Genetics* and "Cattle" and "Sheep" under *Animal Genetics.*
Multiple Pigment Defects, Frank Piers, 341.
Mutation Mink on the New York Market, 136.
Mutation Mink Varieties, a correction, 215.
Mutations of Mink Under Domestication, W. E. Castle, Larry Moore, 137, 215.
Muzumdar, Haridas T., Concerning Mother India's Starving Children, 247.

N

Naevoid pigment defects, 341.
Natural Selection and Chromosomal Variability in Populations of *Drosophila Funebris,* N. P. Dubinin, G. G. Tiniakov, 39.
Notice to all Members and Subscribers, 238.

O

Occurrence of Lymphoid Tumors, Nelson F. Waters, 281.
Onions, hybrid, 131.
"Open Sesame," 149.
Origin of *Triticum Spelta* and Its Free-Threshing Hexaploid Relatives, E. S. McFadden and E. R. Sears, 81, 107.
Osteochondritis deformans, 153.
Owen, R. D., et al., Quintuplet Calves and Erythrocyte Mosaicism, 291.

P

Pair of Albino Twins, David C. Rife, M. D. Schonfield, Marilyn Hunstead, 3.
Palomino horse, 32, 35.
Patents, plant, 4.
Pathology, plant, 259.
Pedigree charts, human, symbols for, 11.
Pedigree of Rheumatoid Spondylitis, J. Stauffer, T. J. Moffett, 287.
Penrose, L. S., Inheritance of Zygodactyly, 285.
Phillips, Ralph W., Animal Breeding as Science and Art, (Rev.), 146; Artificial Insemination Comes of Age, (Rev.), 44; et al., The Multinipple Trait in Sheep, 19; Yaks and Yak-Cattle Hybrids, in Asia, 163, 207, in Alaska, 355.
A Physicist Stands Amazed at Genetics, (Rev.), 90.

Piers, Frank, Multiple Pigment Defects, 341.
Pigeons, see *Animal Genetics.*
Pigment defects, hereditary, 341.
Pineapple, leaf type, 123.
Pipkin, Alan C., and Sarah Bedichek Pipkin, Variation of Expression of Polydactyly, 93.
Pirouette gene, linkage with, 335.
Pituitary hypoplasia, in goats, 345.
Plans for Eighth World's Poultry Congress, 196.

Plant Genetics, etc.:

Apple, chromosomal chimera in, 265.
Bacillus, mutation in, 273.
Beans, albinos in pinto, 59.
Begonia hybrids, 67.
Blackberry, chimeras of, 51.
Black-eyed-susan, freak, 331.
Breeding for disease resistance, 259.
Chromosomes, Atlas, (Rev.), 192; heterocyclic, 239, 246, 297.
Coleus, species differences in, 327.
Cucumber, downy mildew resistance in, 267.
John Innes Horticultural Institution Moves, 55.
Lysenko, "Genetics" (Rev.), 5; 15, 279.
Maize: inheritance of indeterminate growth in, 61; "long husk" sterility in, 29; polyploid, pollen tube establishment in, 117; with fur, 251.
Onions, polyploidy in, 131.
Pineapple, inheritance of three leaf types in, 123.
Plant Life of the Pacific, (Rev.), 9.
Plant patents, 4.
Polyploidy in apple, 265; in *Trillium erectum,* 47; in Maize, 117; in wheat, 81.
Rye-wheat hybrids, 195.
Sesame, genetics of, 149.
Soviet Genetics, 5, 15, 279.
Squash, winter, mottled-leaf in, 27.
Tobacco, mosaic "resistance" in, (November 1945 issue), correction, 28.
Wheat: hybrids, 55; origin of spelta, 81, 106, 107; -rye hybrids, 195; sawfly resistance, 266.
Plant Life of the Pacific, (Rev.), 9.
Plant patents, 4.
Plant Pathologist's Merry-go-Round, E. C. Stakman, 259.
Platt, A. W., et al., Resistance of Wheat Varieties to Sawfly Attack, 266.
Platyfish, changing sex mechanism in, 307.
Pollen, polynucleated cells in, 47; tube establishment in diploid and tetraploid maize, 117.
Polydactyly, see *Human Genetics.*
Polymorphism in Natural Populations of a Species of Drosophila, Antonio Brito da Cunha, 253.
Polynucleated cells in *Trillium erectum,* 47.
Polyploidy, see *Plant Genetics.*
Polysomaty, 297.
Populations, family structure of, 147.
Poultry, see "Fowl" under *Animal Genetics.*
Prokofieva-Belgovskaja, A. A., "Mother" and "Daughter" Chromosomes, 239, 297.
Putnam, Helen, genetics fellowship, 332.

Q

Quarter Horse, development of, 227.
Question of Vavilov's Death, 15.
Quintuplet Calves and Erythrocyte Mosaicism, R. D. Owen, H. P. Davis, R. F. Morgan, 291.

R

Racial Wisdom and Conservation, 275.
Radcliffe Offers Genetics Fellowship, 332.
Recurrent Mutation of Dominant Achondroplasia in Cattle, S. W. Mead, P. W. Gregory, W. M. Regan, 183.
Regan, W. M., et al., A Recurrent Mutation of Dominant Achondroplasia in Cattle, 183.
Relationship, genetic concept of, 147.
Reprints for European Workers, 70.
Research, support for, 122.
Resistance of Wheat Varieties to Sawfly Attack, 266.
Rheumatoid spondylitis, 287.
Rhoad, A. O., et al., Development of a Superior Family in the Modern Quarter Horse, 227.
Richey, Frederick D., Corn Cob Fur, 251.
Rife, D. C., et al., Genes and Species Differences in Coleus, 327; A Pair of Albino Twins, 3.
Riner, Mary E., et al., A Mottled-Leaf Character in Winter Squash, 27.
Rudbeckia hirta L., fasciation in, 331.
Rye, see Plant Genetics.

S

Salisbury-Britton hypothesis, confirmation of, 35.
Salivary gland chromosomes, 99.
Sax, Karl, Soviet Genetics, (Rev.), 279.
Schiele, B. C., Huntington's chorea, 383.
Schizophrenia and suicide, 171; and folie à deux, 298; and genetics, 303.
Schonfield, M. D., et al., A Pair of Albino Twins, 3.
Schooling, related to monthly rental, 75.
Schott, Ralph G., et al., The Multinipple Trait in Sheep, 19.
Schwarz, E., et al., The "Snowy Belly" Mouse, 31.
Scott, D. H., et al., A Mottled-Leaf Character in Winter Squash, 27.
Sears, E. R., et al., Origin of Triticum Spelta and Its Free-Threshing Hexaploid Relatives, 81, 107.
Selection, birth vs. death, 77; and chromosomal variability in *Drosophila Funebris,* 39.
September Error, 376.
Sesame, see *Plant Genetics.*
Sex, control, 71; determination, 307; differentiation, "ersatz" method in pigeons, 339; identification in baby chicks of "red" varieties, 332; -linked mating, reciprocating, in pigeons, 339; ratios in fowl families, 333.

Sharman, B. C., *Agropyron*-Like Segregates, 55.
Sheep, see *Animal Genetics.*
Shils, Maurice E., Compost Salvation, (Rev.), 53.
Silkworm, mutations of, 377.
Singleton, W. Ralph, Inheritance of Indeterminate Growth in Maize, 61; "Long Husk" Sterility in Maize, 29.
"Snowy Belly" Mouse, Orson N. Eaton, E. Schwarz, 31.
Soviet genetics, 5, 15, 279.
Spear, Gerald S., Inheritance of Flexed Fingers, 189.
Speese, Bernice M., et al., Begonia Species Hybrids, 67.
Spencer, Damon A., et al., The Multinipple Trait in Sheep, 19.
Spinal rheumatism, hereditary, 287.
Spondylitis, 287.
Spur, doubling of, in fowl, 323.
Squash, see *Plant Genetics.*
Stahl, J. L., Chimeras of Bowen Blackberry, 51.
Stakman, E. C., Plant Pathologist's Merry-go-Round, 259.
Stark, Morton, Brass Tacks on the Highway of Progress, (Rev.), 374.
Stauffer, J., et al., Pedigree of Rheumatoid Spondylitis, 287.
Stephens, F. E., et al., Hereditary Legg-Calve-Perthes' Disease, 153.
Sterility in maize, 29.
Stern, Herbert, Formation of Polynucleated Pollen Mother-Cells in *Trillium erectum*, 47.
Stiles, Karl A., et al., Inheritance of Zygodactyly, 16.
Streblomicrodactyly, 189.
Stroman, G. N., Albinos in Pinto Beans, 59.
Structure of the Bands of Salivary Gland Chromosomes, Taylor Hinton, 99.
Studies on the Inheritance of Downy Mildew Resistance and Other Characters in Cucumbers, John Mitchell Jenkins, Jr., 267.
Study of the First Fifty Years of the Tennessee Walking Horse, J. Lane Fletcher, 369.
Suggestion for Recording Case Reports, 344.
Suicide, see *Human Genetics.*
Support for Basic Research, 122.
Swine, see *Animal Genetics.*
Symbols for Human Pedigree Charts, Lee R. Dice, 11.
Symposia on Quantitative Biology, 152.

T

Taste differences, 330.
Taylor, J. Herbert, et al., Begonia Species Hybrids, 67.
Taylor, Hugh S., Support for Basic Research, 122.
Teratology in black-eyed susan, 331; in corn, 251.
Thirteen Years of Plant Patents, 4.
Thomson, Godfrey, The Decline in Intelligence, 180.
Tiniakov, G. G., et al., Natural Selection and Chromosomal Variability in Populations of *Drosophila Funebris*, 39.
Tirelli, Mario, Egg and Eye Color in Mutant Silkworms, 377.
Toes, webbed, 16, 285; extra, 93.
Tolstov, Ilia A., et al., Yaks and Yak-Cattle Hybrids in Asia, 163, 207.
Trillium erectum, formation of polynucleated cells in, 47.
Triticale, hybrids of wheat-rye, 195.
Triticum, Spelta, Origin of, 81, 107; hybrids, 55, with rye, 195.
Tumors, lymphoid, 281.
Twinning, related to multinipple trait in sheep, 22.
Twins, albino, 3; and intelligence, 180; in cattle, 291; siamese in sheep, 182.
Twin Studies on the Psychopathology of Suicide, Franz J. Kallmann, Mary M. Anastasio, 171.

U

Unstable Strains of the Colon Bacillus, Stephen Zamenhof, 273.
Unusual Growth of Bone in Chickens, G. Davis Buckner, Elizabeth F. Wachs, Amanda Harms Henry, 284, 376.
U. S. Loans and Child Bonuses, 60.
U.S.S.R., genetics in, 5, 15, 279.

V

Variability in the Expression of the Gene for Brachydactyly in Man, C. W. McNutt, 359.
Variation of Expression of Polydactyly, Sarah Bedichek Pipkin and Alan C. Pipkin, 93.
Vavilov, N. I., 15, 279.

W

Wachs, Elizabeth F., et al., An Unusual Growth of Bone in Chickens, 284, 376.
Warren, D. C., Double Spur Inheritance in the Fowl, 323.
Waters, Nelson F., Occurrence of Lymphoid Tumors, 281.
Webbed Toes, 16, 285.
We Regret the Delays, 64.
Wheat, see *Plant Genetics.*
Wheat-Rye Hybrids, T. C. Chin, 195.
White, Orland E., et al., Begonia Species Hybrids, 67.
White, W. T., et al., Yaks and Yak-Cattle Hybrids in Alaska, 355.
Woolley, George W., et al., Linkage Studies with the Pirouette Gene, 335; Age Factor in Weight of Yellow Mice, 365.

Y

Yaks and Yak-Cattle Hybrids in Asia, Ralph W. Phillips, Ilia A. Tolstoy, Ray G. Johnson, 163, 207.
Yaks and Yak-Cattle Hybrids in Alaska, W. T. White, Ralph W. Phillips, E. C. Elting, 355.

Z

Zamenhof, Stephen, Unstable Strains of the Colon Bacillus, 273.
Zygodactyly, see *Human Genetics.*